

INVERTER 805i-8



Highlights INVERTER 805i-8

- + Connection voltage: 230 V at high power output
- + Stud welding with ceramic ring, welding range 2-8 mm
- + Gas-shielded stud welding, welding range 2-8 mm
- + Maximum current 800 A
- + Weight 23 kg



Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	2-8
Short cycle stud welding, weldable stud range Ø (mm)	2-8
Stud welding with shielding gas, weldable stud range Ø (mm)	2-8
Max. current (A)	800
Current setting range (A); 4 Zones	100-400 / -500 / -650 / -800
Time setting range (ms); 4 Zones	1-300/400A; -200/500A; -125/650A; -80/800A
Gas pre-flow time (ms)	10-2000
Max. stud/min at ... Ø (mm)	40/3 9/8
Self-diagnosis: Overheating	■
Short circuit control	■
Power factor correction (PFC)	■
Malfunction of pilot arc	■
Microprocessor control	■
Storage of parameters for current, time and gas pre-flow time	20
Constant current regulation	■
Repeat cycle lock	■
Mains connection 50/60 Hz (V)	1~ 230V
Mains plug (A)	Schuko 16A
Mains cable	3m 3x2,5mm² H07RN
Mains fusing time-lag (A)	16A
Mains power consumption at ...% ED (kVA)	max. 8kVA
Tolerance mains voltage (%)	-15/+6
Menu: Selection of various languages	■
Dust and moisture protection of control unit	■
Class of protection	IP 23
Cooling	F
Stud counter	■
Interface for automatic components	□
Housing dimensions LxBxH (mm)	550x225x470
Swivel castors/fixed castors	-
Weight (kg)	23
Shielding gas equipment	■
Stud welding guns: SK 14	■
K 22	□

Special features

- Connection voltage 230 V
- Current and time continuously adjustable in four zones
- Mobile usage possible
- Housing dimensions LxWxH (mm): 550x225x470
- Plain text in LC display
- User interface 4 languages selectable: German, English, French, Italian
- Shielding-gas equipment standard
- Self-diagnosis for: Overheating, short circuit control, power factor correction (PFC) and malfunction of pilot arc
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Metal housing, powder-coated
- Connection of automatic components: optional



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